

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10348460 FRANKTOWN CREEK NEAR CARSON CITY, NV

LOCATION.--Lat 39°12'12", long 119°52'17" referenced to North American Datum of 1927, in SW 1/4 SE 1/4 sec. 32, T.16 N., R.19 E., Washoe County, Hydrologic Unit 16050102, in Toiyabe National Forest, on right bank, 300 ft upstream from Red House diversion dam, 0.2 mi upstream from Red House, and 6.1 mi northwest of Carson City.

DRAINAGE AREA.--3.24 mi².

PERIOD OF RECORD.--June 1974 to current year.

REVISIONS.--WDR NV-94-1: 1980 (P), 1982-1985(P).

GAGE.--Water-stage recorder. Elevation of gage is 7,380 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow regulated by Hobart Reservoir, and by pumping from Marlette Lake (station 10336710) during dry years. See schematic diagram of [See schematic diagram of Truckee River Basin, Truckee River Basin and Pyramid-Winnemucca Lakes](#).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 89 ft³/s, February 16, 1986, gage height, 3.64 ft; minimum daily, 0.48 ft³/s, September 9, 1976.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 9.5 ft³/s, May 4, gage height, 1.73 ft; minimum daily discharge, 1.7 ft³/s, on several days.

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.3	2.1	2.3	e2.1	1.7	1.8	5.3	5.8	3.3	3.0	3.7	3.5
2	3.3	2.1	2.4	e2.1	1.8	2.0	4.4	6.5	3.5	3.7	3.8	3.7
3	3.4	2.1	2.4	2.0	2.0	1.8	5.1	7.0	3.7	3.6	3.7	3.9
4	3.3	2.1	2.3	1.9	1.8	1.8	6.1	7.5	3.6	3.4	3.7	3.9
5	3.2	2.1	e2.3	1.9	1.7	1.8	7.1	6.9	3.4	3.3	3.7	4.0
6	3.3	2.1	e2.4	1.9	1.7	1.8	6.8	6.1	3.2	3.3	3.6	3.8
7	3.3	2.1	e2.4	1.9	e1.7	1.9	6.1	5.5	3.2	3.3	3.6	3.7
8	3.2	2.1	e2.4	1.8	1.8	2.1	6.1	5.3	3.2	3.3	3.6	3.8
9	3.1	2.0	e2.4	1.8	1.8	2.4	6.1	5.3	3.1	3.4	3.6	3.8
10	3.1	2.0	e2.4	1.8	1.8	2.5	6.2	5.3	3.0	3.3	3.7	3.9
11	3.1	2.1	e2.5	1.8	1.8	2.5	6.3	5.2	3.0	3.4	3.8	4.1
12	3.1	2.1	2.5	1.8	1.8	2.5	6.6	4.5	2.9	3.3	3.8	4.1
13	3.2	2.1	2.6	1.8	1.8	2.5	6.7	4.4	2.7	3.2	3.6	2.6
14	3.2	2.1	e2.5	1.9	1.8	2.8	5.8	4.4	2.6	3.1	3.7	2.8
15	2.9	2.1	2.5	1.9	1.8	3.0	5.2	4.4	2.4	3.2	3.8	4.0
16	2.7	2.1	2.3	1.8	e1.8	3.3	4.6	4.4	2.2	3.3	3.6	3.8
17	2.6	2.1	2.3	1.8	e1.9	3.4	4.2	4.3	2.3	3.4	3.5	3.8
18	2.4	2.1	2.2	1.8	e2.0	3.5	4.0	4.1	2.3	3.5	3.5	3.8
19	2.3	2.1	2.1	1.8	2.1	4.3	4.0	4.0	2.2	3.5	3.6	3.9
20	2.3	2.3	2.1	1.9	2.0	4.6	4.1	3.9	2.1	3.5	3.5	3.9
21	2.3	2.3	2.2	1.8	1.9	5.1	4.0	3.8	2.1	3.5	3.9	3.6
22	2.3	2.3	2.2	1.8	2.0	5.7	3.9	3.8	2.1	3.5	3.8	3.6
23	2.2	2.2	2.2	1.7	1.9	6.6	4.0	3.8	2.2	3.5	3.9	3.7
24	2.2	2.2	e2.3	1.8	1.9	6.1	4.5	3.7	2.2	3.5	4.0	3.8
25	2.3	2.2	e2.2	1.8	e2.0	5.2	5.3	3.6	2.4	3.6	3.9	3.8
26	2.2	2.3	e2.2	1.8	e2.1	4.6	6.2	3.6	2.3	3.7	4.0	3.8
27	2.2	2.3	2.1	1.8	2.1	4.0	7.2	3.7	2.3	3.6	4.0	3.8
28	2.2	2.3	2.1	1.8	1.8	4.2	7.2	4.7	2.3	3.6	3.9	3.9
29	2.1	2.3	e2.2	1.7	1.8	4.9	5.9	4.1	2.3	3.7	3.8	3.9
30	2.2	2.4	e2.2	1.7	---	5.8	5.4	3.6	2.3	3.7	3.8	3.3
31	2.1	---	2.2	1.7	---	6.1	---	3.4	---	3.7	3.8	---
TOTAL	84.6	64.8	71.4	56.9	54.1	110.6	164.4	146.6	80.4	106.6	115.9	112.0
MEAN	2.73	2.16	2.30	1.84	1.87	3.57	5.48	4.73	2.68	3.44	3.74	3.73
MAX	3.4	2.4	2.6	2.1	2.1	6.6	7.2	7.5	3.7	3.7	4.0	4.1
MIN	2.1	2.0	2.1	1.7	1.7	1.8	3.9	3.4	2.1	3.0	3.5	2.6
AC-FT	168	129	142	113	107	219	326	291	159	211	230	222

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2004, BY WATER YEAR (WY)

MEAN	2.27	2.40	2.29	2.45	2.79	2.89	5.06	8.08	6.37	3.31	2.41	2.23
MAX	5.42	6.55	5.83	8.74	10.3	6.10	13.2	20.7	27.4	11.7	7.22	5.06
(WY)	(1984)	(1984)	(1984)	(1997)	(1986)	(1986)	(1997)	(1997)	(1983)	(1983)	(1983)	(1983)
MIN	0.97	0.94	1.08	1.01	1.04	1.29	2.09	1.08	0.93	0.86	0.67	0.70
(WY)	(2002)	(1991)	(1995)	(1995)	(1992)	(1991)	(1991)	(1992)	(1992)	(1977)	(1977)	(1977)

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1974 - 2004
ANNUAL TOTAL	1,122.2	1,168.3	
ANNUAL MEAN	3.07	3.19	3.55
HIGHEST ANNUAL MEAN			7.67
LOWEST ANNUAL MEAN			1.45
HIGHEST DAILY MEAN	11	May 24	65
LOWEST DAILY MEAN	1.9	Jan 3	Feb 16, 1986
ANNUAL SEVEN-DAY MINIMUM	1.9	Jan 12	Sep 9, 1976
MAXIMUM PEAK FLOW		9.5	0.48
MAXIMUM PEAK STAGE		1.73	0.49
ANNUAL RUNOFF (AC-FT)	2,230	2,320	Sep 13, 1976
10 PERCENT EXCEEDS	3.7	5.1	89
50 PERCENT EXCEEDS	2.6	3.2	Feb 16, 1986
90 PERCENT EXCEEDS	2.0	1.8	3.64
			Feb 16, 1986
			7.1
			2.4
			1.2

e Estimated